# Iowa Department of Public Health Bureau of Radiological Health Lucas State Office Building Des Moines, Iowa 50319-0075

# **Application for Radon Mitigation Credentialing**

Name of Individual or Company:	Address (street, state, zip code):		
Date of Birth (mm/dd/yy):	Phone: ( )		
*Social Security Number:	Email:		
Owner(s) of Company (if different from above):	Address (if different from above):		
Purpose of Application	on and Fee (Check One)		
( ) Resident initial credentialing. If you are submit a non-refundable \$25 application fee plus	e applying for initial credentialing, you must as a \$150 credentialing fee.		
( ) Non-resident initial credentialing. If yo submit a non-refundable \$100 application fee p	u are applying for initial credentialing, you must lus a \$150 credentialing fee.		
( ) Renewal (check one):			
a) Number of mitigation system(installation cost greater than \$200.	s) installed during previous year with an		
<b>Submit fee = \$</b>	(number of systems x \$40)		
b) Number of mitigation system(	(s) installed is less than four. Submit fee of \$150.		
	Continue to page 2.		

# Required:

1.	Do you have a medical condition(s) which in any way may impair or limit your ability to perform as a radon tester? yes no If yes, provide a description of your condition and submit a letter from a physician stating that your condition will not affect your ability to perform as a radon tester.
2.	Have you within the past 5 years engaged in the illegal or improper use of drugs or other chemical substance(s)? yes no If yes, provide a letter from your physician or treatment program that identifies your current or past treatment status.
3.	Have you ever been convicted of, or entered a plea of no contest to a misdemeanor or felony? (other than minor traffic violations with fines under \$100) You must answer "yes" even if the matter has been expunged from the record yes no If yes, include the date, location, charge, court disposition and current status (i.e. probation) for each charge. If the charge was a crime against a person (i.e. assault, domestic abuse) include copies of the charging orders and court disposition records.
4.	Has any state or jurisdiction of the United States or any other nation ever limited, restricted, warned, censured, placed on probation, suspended, revoked, or otherwise disciplined a professional license or certification issued to you? yes no If yes, include date, location, reason and current status.
5.	Have you ever been found guilty of incompetence or negligence during your performance as a professional service provider? yes no If yes, please explain.
	Continue to page 3.

	Have you ever been sued as a professional self yes, please explain.	ervice provider? yes no		
1.	I have enclosed a check or money order pa	ayable to the Iowa Department of Public Health.		
2.	<ul><li>2. If I am renewing my application, I have enclosed a notarized statement indicating the number of mitigation installations over \$200 and the appropriate calculated renewal fee.</li><li>3. I have enclosed the additional information required.</li></ul>			
3.				
4.				
5.				
inted 1	Name:	Title:		
gnatur	re of Applicant:	Date:		

\*Privacy Act Notice: Disclosure of your Social Security number on this license application is required by 42 U.S.C. Section 666(a)(13) and Iowa Code Section 252J.8(1). The number will be used in connection with the collection of child support obligations and as an internal means to accurately identify licensees.

# IOWA DEPARTMENT OF PUBLIC HEALTH BUREAU OF RADIOLOGICAL HEALTH DECEMBER 2012

Guide for the Preparation of Application for Credentialing Individuals as Radon Mitigation Specialists

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#### 1. Introduction

### 1.1 Purpose of Guide

The following document is established to help individuals in applying for "Radon Mitigation Specialist" under Chapter 44, "Minimum Requirements for Radon Mitigation."

## 2. Contents of an Application

Under 641-44.3 (136B) General Provisions —A person must individually qualify under a certain set of conditions in order for the application to be acceptable. An application must show positive proof the applicant meets all of the credentialin grequirements. All of the following must be included:

#### 2.1 Birthdate

**44/3 (2) "a"-**The applicant's birth date must be indicated by filling in the spac3s for the birth date on the front page of the application form. An individual must be at least 18 years of age to obtain credentialing.

## 2.2 Experience and Education

**44.3 (2)** "b" -The applicant must provide relevant information about his/her professional work experience. This information must be contained in a descriptive resume along with as much supporting docu mentation as necessary. The applicant must provide proof he/she has three years of building construction or contractual experience and the application must include the amount of time spent in a particular building. If the applicant wishes to substitute post-secondary education information for two of the three years of professional work experience, a college transcript with curriculum in architecture, engineering, building construction, or the physicals sciences must be included with the resume. A resume under this option indicating the individual's education and construction background must include in detail the amount of time spent in a particular building construction trade.

#### 2.3 Examination

**44.3 (2)** "c" - The applicant must submit documented evidence the at he/she has successfully passed the Environmental Protection Agency's (EPA) Radon Contractor Proficiency Program (RCPP) examination. They should also submit documentation to show they will abide by the mitigation protocols of the EPA's RCPP.

#### 2.4 Worker Protection Plan

- **44.3 (3)** "a"-Applicants must design a, mitigation worker protection plan which addresses the following:
- 1) Radiation exposure to workers must be kept as low as is reasonably achievable (ALARA). This can be accomplished by individuals weari ng respiratory protection; diluting indoor air with outdoor air; by either passive or active ventilation of the working area. Active ventilation should provide a constant reduction of the indoor radon concentration and is considered to be the most appropriate method of reducing the radon concentration in the work area.
- Radon levels should be monitored by performing radon concentration measurements of the working area, before and during mitigation. This can be accomplished with the use of a continuous rad on monitor and the workers wearing alpha-track detectors while performing mitigation, etc. A log for the amount of time spent and the location and date in a particular radon concentration should be recorded for each individual. Alpha -track detectors must, at a minimum, be sent in for analysis once each quarter, and a report for each individual's exposure must be kept on a quarterly basis.
- 3) Procedures to establish wearing properly fitted respirators should be documented. Pre-mitigation radon measurements which indicate a potential radon decay product level above one working level should be recorded and the individuals working in the area should be instructed to wear a fitted respirator. If an individual cannot wear a fitted respirator and a radon concentration measurement indicates levels above 100pCi/L are possible, that individual should not be allowed to work in the mitigation area.

#### 2.5 Quality Assurance Plan

- **44.3 (3)** "b"-Applicants should submit a quality assurance plan for performing mitigation installations that addresses the following:
- All diagnostic tests performed on a building before mitigation must be spelled out to include what type of test (s) will be performed and what the purpose is for performing the test (s). Types of tests performed may include indoor ambient radon measurements, radon entry point measurements, subslab communication measurements, blower door tests, etc. Diagnostic test performed must include the name (s) of the individual (s) performing the tests. Each test should be described in detail along with the manufacturer's name and model number for any equipment used. If the equipment used in performing diagnostic test(s) has a required calibration frequency issued by the manufacturer, the calibration frequency for the equipment must be documented in the application.

- A complete description of the most commonly used mitigation materials and mitigation strategies offered must be documented in the application. The mitigation materials used must include manufacturer(s), name(s), and model number (s) for each strategy offered. If an uncommon mitigation strategy is occasionally performed, a detailed description of this strategy and the materials used must also be documented in the application.
- 3) If any other related services such as pre- and post -mitigation radon measurements, soil radon measurements, water radon measurements, or other types of mitigation and measurement services are offered within your place of business or occupation, a list of those services must be fully documen ted in the application.

#### 3. Purpose of the Application and Fee

## 3.1 Initial Credentialing

If an individual is applying for initial credentialing he/she must indicate it by placing an X in the box next to Initial Credentialing. The individual must also submit a check in the amount of \$175 for an Iowa resident and \$250 for a nonresident

# 3.2 Renewing Credentials

If an individual is applying for a renewal of his/her credentialing the individual must indicate it by placing an X in the box next to Renewal. The individual must also submit a check according to the number of systems installed, which cost greater than \$200, during the renewal period times \$40. **Note:** If the number of mitigations which cost greater than \$200 is less than four, the amount submitt ed must be \$150.

When an individual is renewing his/her application the individual must include the front page of the application along with any changes in the supporting documentation and a notarized statement indicating the number of mitigation systems installed over \$200 for the renewal period. Application forms must be signed and dated any time an individual is applying for initial credentialing or is renewing their credentials.